



Revision: 003

TECHNICAL DATA SPECIFICATION (TDS)

ECOLASTIC PLAY EPDM GRANULES

A. MATERIAL SPECIFICATION

Properties	Specification	Standard Method
Tensile Strength (MPa)	>3.0	ASTM D 412
Elongation (%)	>300	ASTM D 412
Hardness	60 ± 5	ASTM D 2240
Specific Gravity	1.65 ± 0.05	ISO 2781:2008

B. PRODUCT / GRANULES SPECIFICATION

Properties	Specification	Standard Method																		
Color	(Delta E) $\Delta E \leq 2.00$	ASTM D 2244																		
Size Availability **	1.0mm – 4.0mm	ASTM D 5644																		
Bulk Density (g/liter)	700 ± 30	ASTM D 1895																		
Size Distribution for 1.0mm to 4.0 mm	<table border="1"> <thead> <tr> <th>SIZE</th> <th>% RETAINED</th> </tr> </thead> <tbody> <tr> <td>≥ 4.00 mm</td> <td>0</td> </tr> <tr> <td>3.36 mm – 4.00 mm</td> <td>3 – 10</td> </tr> <tr> <td>2.80 mm – 3.36 mm</td> <td>25 – 40</td> </tr> <tr> <td>2.00 mm – 2.80 mm</td> <td>40 – 55</td> </tr> <tr> <td>1.68 mm – 2.00 mm</td> <td>5 – 15</td> </tr> <tr> <td>1.00 mm – 1.68 mm</td> <td>5 – 15</td> </tr> <tr> <td>0.50mm – 1.00mm</td> <td>≤ 1</td> </tr> <tr> <td>0.00mm-0.50mm</td> <td>≤ 0.2</td> </tr> </tbody> </table>	SIZE	% RETAINED	≥ 4.00 mm	0	3.36 mm – 4.00 mm	3 – 10	2.80 mm – 3.36 mm	25 – 40	2.00 mm – 2.80 mm	40 – 55	1.68 mm – 2.00 mm	5 – 15	1.00 mm – 1.68 mm	5 – 15	0.50mm – 1.00mm	≤ 1	0.00mm-0.50mm	≤ 0.2	ASTM D 5644
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0.00mm-0.50mm	≤ 0.2																			

NB: ** Other sizes please contact our sales.



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